BIRCH, JEWART, KOLASCH & BIRCH, JEWART, KOLASCH

PLEASE NOTE:

COMBINED DECLARATION AND POWER OF ATTORNEY

0965-0380P

YOU MUST

As a below named inventor, I hereby declare that, my residence, post office address and citizenship are as stated next to my name, that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject

FOR PATENT AND DESIGN APPLICATIONS COMPLETE THE FOLLOWING: matter which is claimed and for which a patent is sought on the invention entitled. Insert Title: Twin-drum Continuous Casting Apparatus and Method Fill in Appropriate the specification of which is attached hereto. If not attached hereto, Information -For Use Without the specification was filed on_ Specification United States Application Number_ Attached: the specification was filed on_ July 19 2001 International Application Number ___ PCT/JP01/06268 ; and was amended under PCT Article 19 on (if applicable) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows. I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Insert Priority Information: Prior Foreign Application(s) 2000-218659 Priority Claimed (if appropriate) <u>Japan</u> <u>July 19,</u> XX (Month/Day/Year Filed) Number) No 2000-226615 Japan July 27, 2000 П (Number) (Country) (Month/Day/Year Filed) No 2001-15357 Japan January 24, (Number) (Country) (Month/Day/Year Filed) No 2001-203798 Japan July 4, 2001 (Number) (Country) (Month/Day/Year Filed) No (Number) (Country) (Month/Day/Year Filed) No I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below. Insert Provisional Application(s): (if any) (Application Number) (Filing Date) (Application Number) (Filing Date) All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More Than 12 Months (6 Months for Designs) Prior To The Filing Date of This Application: Insert Requested Date of Filing (Month/Day/Year) Intornation (if appropriate) I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application

Insert Prior U.S. Application(s): (if any)

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

(Status - patented, pending, abandoned)

(Filing Date)

and the national or PCT international filing date of this application:

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(Application Number)

ne following attorneys to prosecute this appl. on and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignce provides said attorneys with a written notice to the contrary:

(Reg. No. <u>72,463)</u> (Reg. No. <u>24,44</u> 8) (Reg. No. <u>29,271)</u> (Reg. No. <u>30,330)</u> (Reg. No. <u>32,868</u>)	James M. Slattery Michael K. Mutter Gerald M. Murphy, Jr. Terry L. Clark Marc S. Weiner	(Reg. No. 32,644) (Reg. No. 32,181)
	Donald J. Daley	(Reg. No. 34,313)
	(Reg. No. <u>22,463)</u> (Reg. No. <u>24,448)</u> (Reg. No. <u>29,271)</u> (Reg. No. <u>30,330)</u> (Reg. No. <u>32,868</u>)	(Reg. No. 22,463) James M. Slattery (Reg. No. 24,448) Michael K. Mutter (Reg. No. 29,271) Gerald M. Murphy, Jr. (Reg. No. 30,330) Terry L. Clark (Reg. No. 32,868) Marc S. Weiner (Reg. No. 32,334) Donald J. Daley

Send Correspondence to:

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PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

Full Name of First or Sole

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNAT	TURE		DATE*		
Insert Name of Inventor Insert Date This Document is Signed	<u>Keiich</u> i	YAMAMOTO	Kejichi	Yamami	to	March	20	2002
1100	Residence (City, State	& Country)			IZENSHIP	ILMAL CIT		2002
Insert Residence Insert Citizenship		shi, <u>Hiroshima</u>		PX I	Japan			j
Insert Post Office Address	POST OFFICE ADDRE C/o Hiroshima 6-22, Kan-on-s	SS (Complete Street Address Research & Develo Bhin-machi 4-chome	including City, State & Opment Center, E, Nishi-ku, H	Country) , MITSUBISH Hiroshima-s	HI HEAVY shi, Hir	INDUS' oshima	TRIES 733-	3, LTD -8553
Full Name of Second	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNAT			DATE*	Jar	
Inventor, if any:	Ritsuo	HASHIMOTO	Ritsue	+ Hashin	icto	March	-	
see above		-shi, Hiroshima	a, Japan	TPY CIT	izenship Japan	,		
	o zz, idii-on-s	SS (Complete Street Address Research & Develo hin-machi 4-chome	, Nisni-Ku, H	irosnima-s	II HEAVY shi, Hira	INDUS'	FRIES 733-	, LTD.
Full Name of Third Inventor, if any	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNAT	URE		DATE*	Jap	an
see above	Mitsuo	TANI	mitouo	Tani	•	March	20,	2002
2V	/Residence (City, State Hiroshima-	& Country) ·shi, Hiroshima	, Japan ,	PV CITI	zenship Japan			
\mathcal{O}	POST OFFICE ADDRE	SS (Complete Street Address	Including City State 8	Calinitary				
	c/o Hiroshima	Research & Develo	rment Center.	MITSURISH	I HEAVY	INDUST	rries	LID.
Full Name of Fourth	GIVEN NAME	hin-machi 4-chome FAMILY NAME	INVENTOR'S SIGNATI	<u>Ilrosnima-s</u> URE	nı, Hiro	DATE*	733- Japa	
Inventor, if any	Kazutoshi	YOKOO	Kazutosh;	Yokoo		March		
i Jul	Residence (City, State	• •	~	CITI	ZENSHIP			.002
7,00		shi, <u>Hiroshima</u>	-	, , \sim 1	Japan			
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Full Name of Fifth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU			DATE.	Japai	
Inventor, if any	Jyoji	YUSA	Jyoji	Yusa	ŀ	March 2	_	
	Residence (City, State a	& Country)	//		ZENSHIP			
SW		shi, <u>Hiroshima</u>	_ ~ 0/	/	Japan			
	POST OFFICE ADDRES C/o Hiroshima I	S (Complete Street Address) Machinery Works,	ncluding City, State & (MITSUBISHI HEA	Country) AVY INDUST	RIES. LT	D. 6-	22.	
4	Kan-on-shin-mad	chi 4-chome, Nish	i-ku. Hiroshir	ma_chi u:	roobim-	733-85		apar
Page 2 of 文 (USPTO Approved 3-90) (Revised 8-97)	DATE OF SIGNATURE			m. SIII. H	COSOTILA			

Cinth							
Full Name of Sixth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU	IRE /	DATE.		
Insert Name of Inventor Insert Date This	Kunimasa	SASAKI	1万2大	PPIX _	March 20, 200		
Document is Signed	Residence (City, State	& Country)	4.0	CITIZENSHIP			
Insert Residence Insert Citizenship		u, Tokyo, Japa	<u> </u>	Japan			
Insert Post Office Address	POST OFFICE ADDRESS (Complete Street Address including Crty, State & Country) C/O MHI STEEL MACHINERY ENGINEERING & SERVICE CO., LTD. 15-1, Tomihisacho, Shinjuku-ku, Tokyo 162-0067 Japan						
Full Name of Seventh	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU		DATE*		
laventor, if any:	Katsuyoshi	MIYAKE	Kar of a	1: 1111/2/c	March 20, 2002		
see above	Residence (City, State	& Country)		CITIZENSHIP			
100		shi, <u>Hiroshima</u>	- (1)	Japan			
•	POST OFFICE ADDRE C/O Hiroshima N Kan-on-shin-ma	SS (Complete Street Address Machinery Works, achi 4-chome, Nis	ncluding City State & C MITSUBISHI HEA hi-ku, Hiroshi	ountry) VY INDUSTRIES, L ma-shi, Hiroshim	TD. 6-22, na 733-0036 Japa		
Full Name of Eighth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU	AE	DATE.		
laventor, if any	Katsuyuki	ISOGAMI	石刻 上	格红	March 20, 2002		
XII	Residence (City, State	& Country)		CITIZENSHIP			
000		, <u>Yamaguchi</u> , J		Japan			
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		Shimata, Hikar	i-shi, Yamac	uchi 743-851	0 Japan		
Full Name of Ninth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU	PE) /	DATE.		
Inventor, if any	Mamoru	YAMADA	Mamore	Mamada	March 20, 2002		
	Residence (City, State	& Country)		CITIZENSHIP	•		
9w	1	, Yamaguchi, J	~ 0//	Japan			
	POST OFFICE ADDRES C/O NIPPON S 3434 Daza-S	SS (Complete Street Address STEEL CORPORAT Shimata, Hikar	including City, State & C ION, HIKARI	ountry) WORKS	7		
Full Name of Tenth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATU		DATE.		
Inventor, if any			7 0	~ / ·	March 20, 2002		
sec above	Tsuyoshi	TANAKA	(sugoshi /	anaba.	MILCH 20, 2002		
. /	Residence (City, State &	3 Country)	40 4	CITIZENSHIP			
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Page 3 Of 4 (USPTO Approved 3-90) (Revised 8-97)	DATE OF SIGNATURE						

Full Name of Elevent	h					
Inventor	N GIVEN NAME	EAMILY NAME	INVENTOR'S SIGNATUR	RE	DATE:	
Insert Date Thus Document is Signed	Takashi	ARAI	Jahashi	Anai	March 20,	200
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Full Name of Welfth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATUR		DATE	
see above	Tadahiro	IZU	2-16	L.	March 20,	2002
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	ICAO MILION D	TEEL CORPORAT himata, Hikar	TUNE HIKARI	MICIDIC	Janan	
Full Name of Phirteent	n GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATUR	E	DATE:	
inventor, if any	1	TSUNENARI_	21 1 67	unenari	March 20,	2002
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Full Name of Fourteent	n GIVEN NAME	AMILY NAME	INVENTOR'S SIGNATURE	=	DATE.	
see shove	V	YAMAMURA	Kazuto (1	Jumanura	March 20, 2	2002
ill	Residence (City, State & C	Country)	1 2 100 00	CITIZENSHIP	l	
14		Chiba, Japan		Japan		
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Full Name of Fifteenth Inventor, if any	GIVEN NAME F	AMILY NAME	INVENTOR'S SIGNATURE		DATE.	
see above		I-ZAKI	Hiroshi	Izoki	March 20, 2	kons
440	Residence (City, State & C	ountry)	TITUSKI _	CITIZENSHIP	riciteri 20, 2	2002
1800		Yamaguchi, Ja		Japan		
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Page 4 of 4	DATE OF SIGNATURE	,	_ J.I.Z., Tamagu	.0117 /40-0010	vapan	
(USPTO Approved 3-90)						